

Claims

1. A method of backing up vehicular data in a vehicular system that includes an engine electronic control unit for controlling an engine and at least one electronic unit including a data storing function, with the vehicular system being configured such that data can be transmitted and received between the engine electronic control unit and the electronic unit via a vehicular communication network, wherein the most recent content of accumulated data stored in the engine electronic control unit is stored as backup data in the electronic unit via the vehicular communication network at an appropriate timing, and when the engine electronic control unit is replaced, the backup data is transferred via the vehicular communication network to an engine electronic control unit after replacement.

2. The vehicular data backup method of claim 1, wherein a flag that can be recognize the fact that this is the first time the engine electronic control unit has been installed in a vehicle after manufacture is preset in the engine electronic control unit, and the transfer of the backup data is conducted with reference to the flag.

3. The vehicular data backup method of claim 2, wherein when

it has been determined that the backup data which has been transferred from any electronic control unit when the engine electronic control unit has been replaced cannot be used, the engine electronic control unit is initialized with default data.

4. The vehicular data backup method of claim 3, wherein the default data is stored in advance in a memory in the engine electronic control unit.

5. The vehicular data backup method of claim 1, 2, 3 or 4, wherein a non-volatile memory is disposed in the electronic unit, and the backup data is stored in the non-volatile memory.